BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK **: *Construction of RCC drain and covering slabs at suggappa layout road to Govt High school in kempegowda ward no-01***

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Estimate Cost Rs. 2000000.00 Rate	Lakhs Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 SR 2018-19								
		Cum							
	New Drains								
			2	88.00	1.05	0.95	175.56		
	Culvert		1	6.00	1.65	1.20	11.88		
	desilting of existing drains		1	240.00	0.60	0.60	86.40		
	Basic Rate Rs	299.00					**273.84**	**316.94**	**86791.00**
	Add Area Weightage @ 6%	17.94							
	Total	**316.94**							
2	KSRB4.1.3: Providing and laying position plain cement concrete of Mix 1:4:8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No. KBS 4.1, 4.2 (P12/4.3). SR 2018-19								
	Culvert		2	88.00	0.90	0.15	23.76		
			1	6.00	1.50	0.15	1.35		
	Basic Rate	5102.00					**25.11**	5408.12	**135798.00**
	Area Weightage @ 6%	306.12							
	Total	**5408.12**							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19 (wall and bottom thickness 15cm.								
		Cum							
	Bottom raft								
			2	88.00	0.90	0.125	19.80		
	Culvert		1	6.00	1.50	0.15	1.35		
	Side wall								
	New Drains								
			4	88.00	0.15	0.75	39.60		
	Culvert		2	6.00	0.25	0.80	2.40		
	Basic Rate	6670.00				**Total**	**63.15**	7070.20	**446483.00**
	Add Area Weightage @ 6%	400.20							
	Total	**7070.20**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4	KSRB 4.9.2.providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19								
		Tonne							
	for Drain 50kg/cum		1	59.40	50.00		2970.00		
	for culvert 60kg/cum		1	3.75	60.00		225.00		
	Total						**3195.00**		
	Basic Rate	70966.00					3.20	75223.96	**240341.00**
	Add Area Weightage @ 6%	4257.96							
	Total	**75223.96**							
5	Supplying and fixing **precast** rainforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.(Drain covering slab)								
		Sqm							
	covering slab for existing drains		2	88.00	0.75		132.00		
			1	240.00	0.90		216.00		
	Data rate	2337.00				**Total**	**348.00**	2337.00	**813276.00**
6	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-								
		Sqm							
			1	6.00	1.20		7.20		
	Data rate	5418.00					**7.20**	5418.00	**39010.00**
7	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19								
		Cum							
	Basic Rate for loading and unloading	57.00	Qty Vide Item No.1				**273.84**	87.56	**23976.00**
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
							Sub total		1785675.00
8	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								214281.00
9	Miscellaneous and unforeseen charges	Ls							44.00
							Total Ammount Rs.		2000000.00
	(Rupees Twenty lakhs only)								

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2 The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Approval

Accorded For Rs. 20.00 Lacs
Head of A/C P.1771
CER NO :197 Dt:25-2-19

TA CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 20.00 Lacs
Rupees Twenty Lakhs only
Under P.1771-2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. EE/TS/40/18-19 Estimate / Sanctioned No.
Dated 25-02-2019 Rs. 20.00 Lacs

Executive Engineer

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 1- KEMPEGOWDA WARD

N

VILLAGE BOUNDARY
VILLAGE BOUNDARY
EXI. CMC WARD BND.
EXI. CMC WARD BND.
GOVINDAPURA
YELAHANKA AIRPORT AREA
BSF STC YELAHANKA
FELLARY ROAD
EXI CMC WARD BND
KEB LAYOUT PHASE-I
VILLAGE BOUNDARY
RYAN INTERNATIONAL SCHOOL
POLICE TRAINING CENTRE
SAI SPRING FIELD COLONY
ALI ESTATE
VASUDEVAPURA
BSF BUS STOP
VINAYAKNAGAR
CANADIAN INTERNATIONAL SCHOOL
G L RAJU COLONY
KENCHENAHALLI
RAILWAY LINE
MACHENAHALLI
SATYAPPA ANJINAPPA KEMPAMMA LAYOUT
LAKE VIEW RESIDENCY
YALAHANKA KERE
BANGALORE SPOKES INDIA PVT LTD
VIKAS LAYOUT
VENKATALA
VENKATALA LAYOUT
VENKATAPPA LAYOUT
EXI CMC WARD BND
RAILWAY LINE
EXI CMC WARD BND
BELLARY ROAD
CHOWDESHWARI LAYOUT
MARUTHI NAGAR
MARUTHINAGAR
KENDRIYA VIHAR
RAILWAY STATION
KAMAKSHAMMA LAYOUT
EXI CMC WARD BND
CHANKARENA LAYOUT
BAZZAR ROAD
FM GOETZE PLANT
KULAPPA LAYOUT
BADRAPPA LAYOUT
YALAHANKA
MAHESHWARE NAGAR
HOSPITAL ROAD
EAST COLONY
N E S MAIN RD
GANDHI NAGAR
NEHRU NAGAR
DODDABALLAPURA RD
BELLARY ROAD
BELLARY ROAD BYPASS
JAKKUR ROAD
EXI. CMC WARD BND.
SURABHI LAYOUT
BELLARY ROAD
RAILWAY LINE
JAKKUR ROAD
EXI. CMC WARD BND.
VIDYASHILP ACADAMY SCHOOL
EXI. CMC WARD BND
EXI. CMC WARD BND.
SHOBHA ULTIMA VILAS
BANTRI
UAS TEACHER LAYOUT

NOTIFICATION NO. UDD 57 BNR 2009, DATE 16.07.09

INDEX

PROPOSED WARD BOUNDARY

RIVER/ DRAIN